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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 8th January 2000

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कलकत्ता, दिनांक 8 जनवरी 2000

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (प.),
मुम्बई-400013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता - "पेटोफिस"
फोन : 482 5092 फैक्स : 022 4950 622

पेटेंट कार्यालय शाखा,
एनेक्स सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिस"
फोन : 578 2532 फैक्स : 011 576 6204

पेटेंट कार्यालय शाखा,
विंग "सी" (सी-4, ए),
तीसरा तल, राजाजी भवन,
बसन्त नगर, चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र लक्षदवीप, मिनिकाय
तथा एमिनिदिवि दवीप ।

तार पता-"पेटेंटोफिस"
फोन : 490 1495 फैक्स : 044 490 1492

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234/4 आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020 ।

भारत का अवशेष क्षेत्र ।

पेटेंट कार्यालय का कलकत्ता स्थित प्रधान कार्यालय पेटेंट सहयोग संधि के अधीन अन्तरराष्ट्रीय आवेदनों के लिए रिसीविंग कार्यालय, इलेक्टेड कार्यालय व डीसिग्नेटेड कार्यालय है ।

तार पता - "पेटेंटस"
फोन : 247 4401 फैक्स : 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं विवरण या अन्य दस्तावेज या फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किये जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जानी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान की टानसूचित बैंक से निदेशक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि संबंधित आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके नियम की तिथि से चार (4) महीने या अधिक से अधिक उसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी निर्धारित प्रपत्र में नियंत्रक को उपयुक्त कार्यालय में उसके विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं । विरोध संबंधी विहित सूचना दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ

या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए ।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं ।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30/- रुपए प्रति की अदायगी पर की जा सकती है ।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अदायगी पर की जा सकती है ।

Cl. : 129 P. 183441

Int. Cl. : B 23 B 31/08,
B 23 B 57/06.

A TOOL HOLDER, IN PARTICULAR A FAST EXCHANGE CHUCK.

Applicant : OTTO BILZ, WERKZEUGFABRIK GMBH & CO., OF VOGELSANGSTRASSE 8, 73760 OSTFILDERN, GERMANY.

Inventors :
1. SIEGFRIED BADER.
2. LOTHAR HOFLE.
3. GERHARD BABEL.

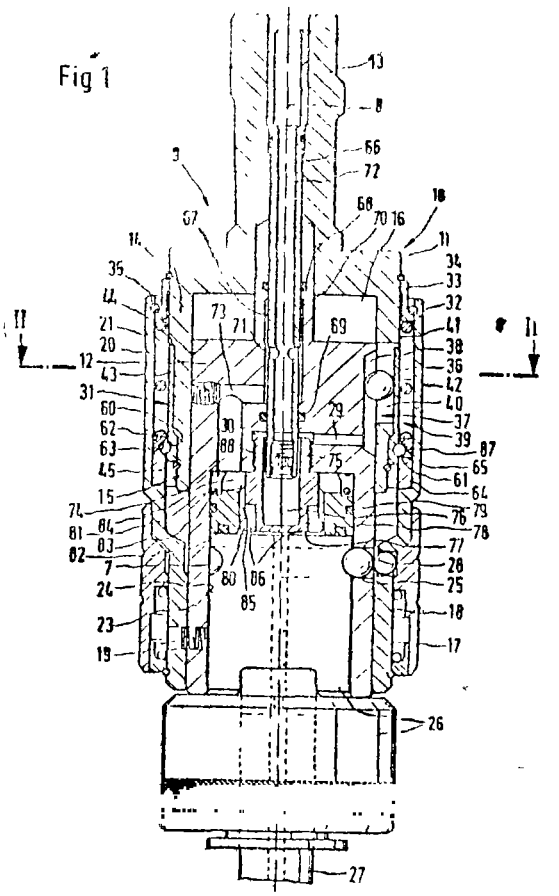
Application No. 231/Cal/94 filed on 5th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

32 Claims

A tool holder, in particular a fast exchange chuck preferably for thread cutting or thread shaping, comprising an upper end (13) receivable in a receptacle or a machine spindle or a machine tool and having at its opposite lower end a head (14) having a coaxial cylindrical head opening (16); a housing (12) received and guided in said cylindrical head opening non-rotatably but displacebly in a longitudinal and provided with a coaxial cylindrical housing opening (24); a fast exchange insert (26) insertable in the said housing opening; torque-trans-mitting means (36) for transmitting torque between said head and said housing and comprising at least one longitudinal groove (37, 37', 37", 37"') provided in said head (14) and at least one longitudinal groove (38, 38', 38", 38"') provided in said housing (12) and at least one drive body (36, 36', 36", 36"') partly received in one of said longitudinal grooves (37, 37', 37", 37"') of said head (14) and in one of said longitudinal grooves (38, 38', 38", 38"') of said head (14) to transmit torque between said head (14) and said housing (12) and to roll during a relative displacement between said head and said housing, said at least one drive body being held between said head and said housing in his axial positions during said relative displacement in said longitudinal directions by means of a pressing force acting radially from outside inwardly and an elastic clamp (39) applying said pressing force from outside and in a direction inward to said drive body and pressing said drive body against said housing to hold said drive body in its axial position during said relative displacement in said longitudinal direction.

Fig 1



(Compl. Specn. 40 Pages; Drgns. 2 Sheets)

Cl. : 139 B 183442

Int. Cl. : C 01 B 33/00,
C 30 B 25/00.

A PROCESS FOR MAKING LOW BAND GAP AMORPHOUS SILICON THIN FILM AT LOW SUBSTRATE TEMPERATURE USING HE DILUTION AT HIGH PLASMA POWER REGIME.

Applicant : INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE, 2 & 3 RAJA S. C. MULLICK ROAD, CALCUTTA-700 032, INDIA.

Inventors :
1. DR. SWATI RAY.
2. MR. A. R. MIDDYA.
3. MS. SUKTI HAZRA.

Applpication No. 500/Cal/94 filed on 27th June, 1994.

(Complete after Provisional filed on 27th September, 1995).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

13 Claims

A process for making low band gap amorphous silicon thin film on a substrate at low substrate temperature using He dilution at high plasma power regime (r-regime) which process comprises the following steps :

(i) evacuating a stainless steel reaction chamber by vacuum pump down to 10^{-6} torr;

(ii) introducing into said reaction chamber a mixture of silane (SiH_4) and 80 to 94% v/v of helium of the total mixture in a controlled manner at a total flow rate in the range of 40—50 Standard Cubic Centimeter Per Minute SCCM; using a mass flow controller;

(iii) applying RF field in one of the electrodes of a capacitively coupled system housed within said stainless steel chamber wherein plasma is formed on decomposition of said gas mixture;

(iv) maintaining a pressure within said reaction chamber in a range of from 0.5 to 2.2 Torr at a low substrate temperature within the range of 200—250°C and at a power density of 15mW/cm² to obtain a low band gap amorphous silicone thin film having reduced bonded hydrogen content (CH) on a substrate such as herein described, said substrate being kept on a grounded electrode located within said stainless steel chamber.

(Compl. Specn. 17 Pages; Drgn. 1 Sheet)

Cl. : 116 G. 183443

Int. Cl.[4] : B 60 S 13/02.

AN EQUIPMENT IN WORK OF ALIGNMENT OF A VEHICLE.

Appplicant : AUTOROBOT FINLAND OY, OF YRITTAJANTIE 23, 70150 KUOPIO, FINLAND.

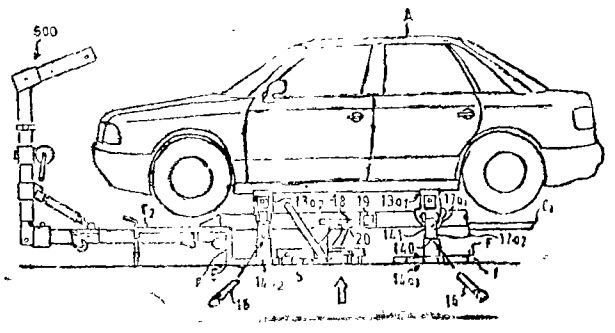
Inventor : OLAVI VENALAINEN.

Application No. 956/Cal/94 filed on 16th November, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

8 Claims

An equipment in work of alignment of a vehicle which equipment comprises an alignment table (11) and therein fastenings (13a[1] 13a[4]), from which the vehicle is fixed to the alignment table (11) for the time of the alignment work, and which equipment comprises an alignment boom (500) to be attached to the alignment table, by means of which boom the alignment power can be applied to the location to be aligned on the vehicle (A), and which equipment comprises a base frame (10), which is placed against the floor of the workshop space, characterised in that, between the alignment table (11) and the base frame (10), there are vertical guides ($14a_1$, $14a_2$, $14a_3$, $14a_4$), which are connected with the alignment table (11), on one hand, and with the base frame (10), on the other hand, and whose function is to guide the movements of raising and lowering of the alignment table (11) and whose function is further to support the alignment table (11) and to keep it at the desired working level and drive plates(C_1, C_2, C_3; C_1, C_2, C_3) are deachably attached to the base frame.



(Compl. Specn. 11 Pages; Drgns. 6 Sheets)

Cl. : 93. 183444

Int. Cl.[4] : B 01 J 2/22, B 29 B 9/06 & B 02 C 18/06.

GRANULATING DEVICE FOR STRAND MATERIALS.

Applicant : RIETER AUTOMATIK GMBH, OF OSTRING 19, D-63762 GROSSOSTHEIM, GERMANY.

Inventors :

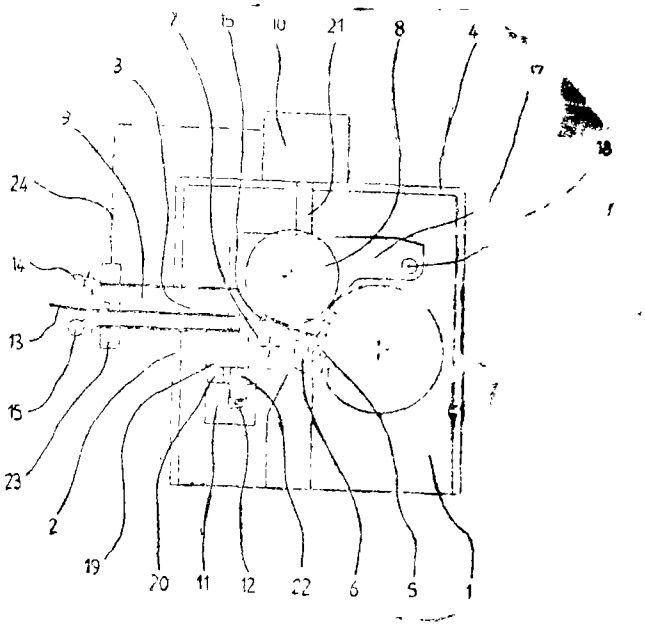
1. PETER LOCKER
2. WALTER PIRRUNG.

Application No. 269/Cal/1995 filed on 13th March, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

12 Claims

A granulating device for strand materials (13) comprising a pull in device (7, 8) for feeding said strand material (13) conducted through an inlet shaft (9) and transporting it to a knife roll (5) for cutting up said strand material (13) into granulate, said pull-in device having a pull-in roll (8) and a counter-roll (7), of which rolls (8, 7) at least one is driveable and both form an inter-roll gap (16) for pulling in said strand material (13), characterized in that a proximity-type switching element (14, 15; 25) is disposed in the region of the inlet shaft, particularly in front of the entrance (29) thereof, said proximity-type switching element (14, 15; 25) cancelling, when actuated, the setting of the inter-roll gap (16) and increasing the inter-roll gap (16) to such a width that the further pulling-in of said strand material (13) is abruptly stopped.



(Compl. Specn. 20 Pages; Drgns. 10 Sheets)

Cl. : 206 E. 183445

Int. Cl.[4] : G 01 L 5/02.

A MULTI-PULSE ANALYSIS SPEECH PROCESSING SYSTEM.

Applicant : AUDIOCODES LTD., OF 3A YONI NETANYAHU STREET OR YEHUDA, 60256, ISRAEL.

Inventors :

1. LEON BIALIK.
2. FELIX FLOMEN.

Application No. 480/Cal/1995 filed on 27th April, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972). Patent Office, Calcutta.

4 Claims

A speech processing system comprising :

a short-term analyzer connected to an input and an output line wherein, in response to an input speech signal on said input line said short-term analyzer generates short-term characteristics of said input speech signal;

a target vector generator for generating a target vector from at least said input speech signal; and

a maximum likelihood multi-pulse analyzer connected to an output line of said target vector generator for generating a multiplicity of series of single-gain pulses, each series having a different gain value, and for providing, on output, a signal representing the series of single-gain pulses which most closely represents said target vector, wherein said maximum likelihood multi-pulse analyzer comprises :

a gain range determiner for determining, from said target vector, a range of gain levels;

a pulse sequence determiner for generating a multiplicity of series of single-gain pulses, each series corresponding to one of said gain levels in said range of gain levels; and

a target vector matcher for matching each of said series to said target vector and for outputing, on an output line, a signal representing the series which most closely represents said target vector .

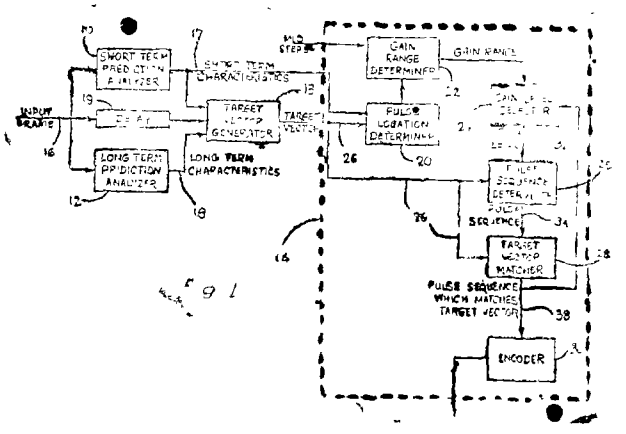


FIG 1

(Compl. Specn. 18 Pages; Drgns. 10 Sheets)

Cl. : 128 G. 183446

Int. Cl. : A 61 M 31/00 & 35/00.

AN EXPANDABLE ARTICULATED STENT.

Applicant : MEDINOL LTD., OF KIRIAT ATIDIM, P.O. BOX 58165, TEL AVIV, 61581, ISRAEL.

Inventors :

1. GREGORY PINCHASIK.
2. JACOB RICHTER.

Application No. 886/Cal/1995 filed on 31st July, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

6 Claims

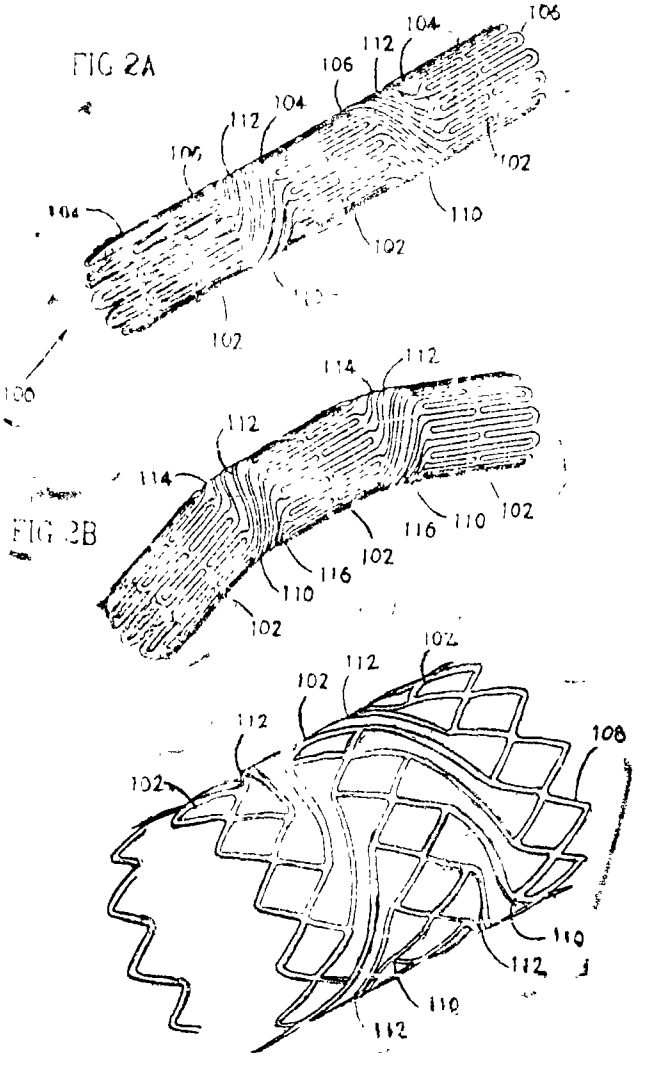
An expandable articulated stent, comprising :

(a) atleast two substantially rigid segments, said segments present a substantially diamond mesh on expansion;

(b) a flexible connector comprising a plurality of links connecting each cell of said substantially diamond mesh for connecting adjacent segments;

said connector comprising a plurality of substantially helcal lnks extendng between sad adjacent segments, each link have atleast one kink and alternate connctors having helical links wound in opposite direction;

wherein said connector assumes a cylindrical configuration when relaxed and a differentially stretched and compressed curved configuration when flexed.



(Compl. Specn. 10 Pages; Drgns. 05 Sheets)

Cl. : 206 E. 183447

Int. Cl.[4] : H 03 F 3/72.

A SHIFT REGISTER.

Applicant : RCA THOMSON LICENSING CORPORATION, OF TWO INDEPENDENCE WAY, PRINCETON, NEW JERSEY 08540, UNITED STATES OF AMERICA.

Inventors ;

1. SHERMAN (NMN) WEISBROD.
2. RUQUIYA ISMAT ARA HUO.

Application No. 830/Cal/94 filed on 10th October, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

A shift register comprising a plurality of identical cascade stages a given stage of said stages having an input terminal and an output terminal (Outn) said shift register comprising a source of a plurality of phase shifted clock signals and a source of an input signal; and given stage comprising :

an output stage comprising a push-pull amplifier having pull-up and pull-down transistors (16, 17) having respective principal conduction paths connected in series with an interconnection of the pull-up and pull-down transistors forming said register stage output terminal characterized in that, said push-pull amplifier having a supply terminal (14) for applying one of said plurality of phase shifted clock signals, and said pull-up and pull-down transistors having respective control electrodes;

input circuitry (18, 19, 20, 21) responsive to a scan pulse applied to said input terminal (12) for generating first and second control signals which are coupled to the control electrodes of said pull-up (16) and pull-down (17) transistors to provide output scan pulses; and

a clamping transistors (25) having a conduction path coupled between the control electrode of the pull up transistor and a source of potential (VSS) of value sufficient to turn off and pull up transistor (16) said clamping transistor having a control electrode coupled to the output terminal (OUT n+2) of a subsequent one of said cascaded stages that is separated from said given stage by another one of said cascaded stages (having terminal OUT n+1).

(Compl. Specn. 11 Pages; Drgns. 4 Sheets)

Cl. : 121. 183448

Int. Cl. : H 01 J 1/62, 29/18.

METHOD OF MANUFACTURING A SCREEN ASSEMBLY HAVING A PLANARIZING LAYER.

Applicant : THOMSON CONSUMER ELECTRONICS, INC., OF 600 NORTH SHERMAN DRIVE, INDIANAPOLIS, INDIANA 46201, UNITED STATES OF AMERICA.

Inventors :

1. ISTVAN GOROG.
2. PETER MICHAEL RITT.

Application No. 880/Cal/1995 filed on 31st July, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

A method of manufacturing electrophotographically a luminescent screen assembly on an interior surface of a faceplate panel for a color cathode ray tube comprising the steps of :

(a) coating said interior surface of said panel with a volatilizable, organic conductive material to form a first organic conductive (OC) layer;

(b) overcoating said first OC layer with a volatilizable photoconductive material to form a first organic photoconductive (OPC) layer;

(c) establishing a substantially uniform electrostatic voltage on said first OPC layer;

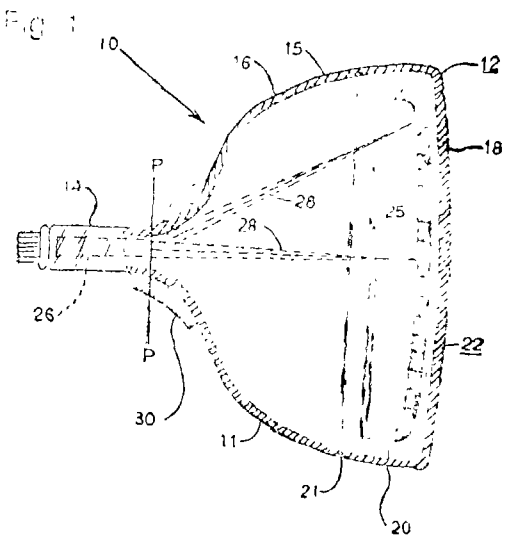
(d) exposing selected areas of said first OPC layer to visible light to affect the voltage thereon, without affecting the voltage on the unexposed area of said first OPC layer;

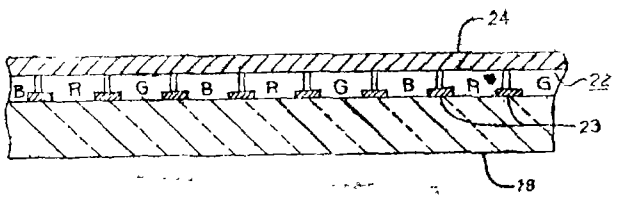
(e) depositing a triboelectrically charged, light-absorbing screen structure material onto the unexposed area of said first OPC layer to form a substantially continuous matrix of said light-absorbing material having open areas therein; wherein the improvement comprises;

(f) then forming a planarizing layer integrally with or separately on said first OPC layer and said matrix;

(g) overcoating said planarizing layer with a second coating of said volatilizable organic conductive material to form a second OC layer; and

(h) overcoating said second OC layer with a second coating of said volatilizable, organic photoconductive material to form a second OPC layer.





(Compl. Specn. 14 Pages; Drgns. 03 Sheets)

Cl. : 179 A. 183449

Int. Cl. : B 67 B 7/00, 7/04, 7/10 & 7/12.

A PREMIUM INSERT CONTAINER FOR CONCEALING A PRIZE WITHIN A BOTTLE.

Applicant : PEPSICO, INC., OF 700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, UNITED STATES OF AMERICA.

Inventors :

1. CHRISTOPHER JAMES MERO.
2. MARTIN R. KANENGISER.

Application No. 985/Cal/1995 filed on 21st August, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

20 Claims

A premium insert container for concealing a prize within a bottle (24), said bottle having a threaded neck portion that is closed by a threaded cap, said container comprising :

a cylindrical body portion, said body portion being insertable into the threaded neck portion of said bottle, said cylindrical body portion being centered within said threaded cap which is threadably engaged with said threaded neck to thereby seal the bottle;

means (18, 118) for retaining said cylindrical body portion within said neck while the cap and the bottle are threadably engaged;

a tab (120) secured to said cylindrical body member, said tab extending from said body portion to enable a consumer to remove the premium insert container from the threaded cap subsequent to release of the cap from the neck of the bottle.

FIG. 2A

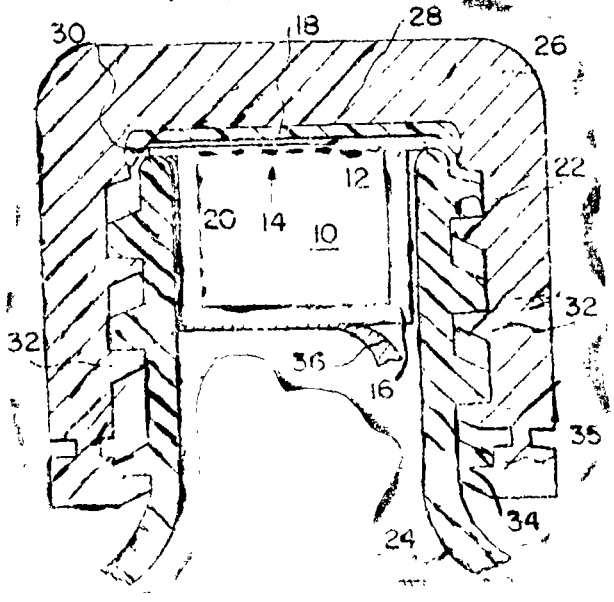


FIG 2B

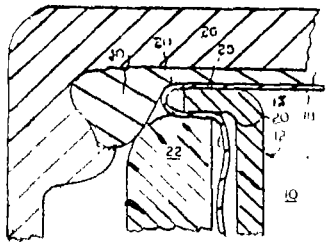
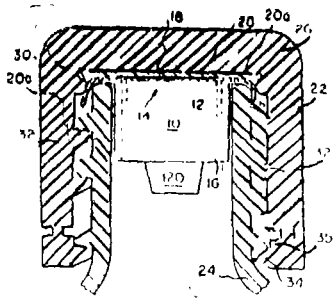


FIG. 2C



(Compl. Specn. 23 Pages; Drgns. 07 Sheets)

Ind. Cl. : 15 D. 183450

Int. Cl. : B 60 N 1/02 &
F 26 C 33/04.

A METHOD OF FORMING A SLIDING BEARING IN MOTOR VEHICLE SEATS AND A SLIDING BEARING PRODUCED BY THE METHOD.

Applicant : KEIPER RECARO GMBH & CO., OF BUCHELSTR. 54-58, 42855 REMSCHEID, GERMANY.

Inventors :
(1) GREGOR VOSSMANN AND
(2) ULRICH LEHMANN.

Application No. 996/Cal/1995 filed on 23rd August, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

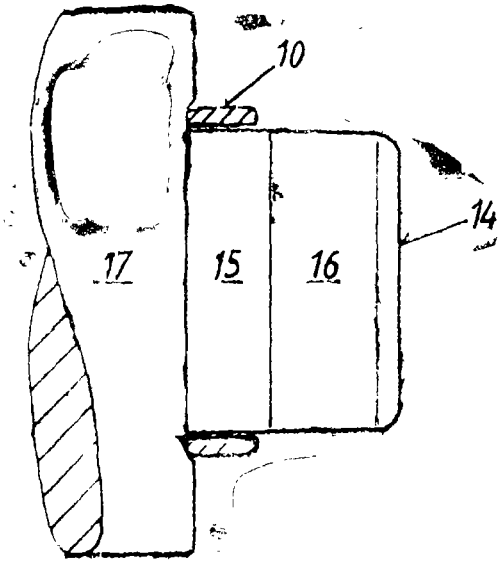
05 Claims

A method for forming a sliding bearing in vehicle seats from the bearing bore hole of a structural component part of a seat and a bearing bush inserted therein, wherein, for the purpose of insertion in the bearing bore hole the bearing bush is arranged on a press-in mandrel (14) so as to contact the supporting shoulder of the mandrel and is pressed into the bearing bore hole by the press-in mandrel, characterized in that, said method comprises the steps of :

producing rolled sliding bearing bushes (10) from multi-layer material and using same as bearing bushes; and

using a sizing mandrel (14) as the press-in mandrel.

Fig. 1



Compl. Specn. 09 pages Drgns. 02 sheets

Ind. Cl. : 77 A + C. 183451

Int. Cl. : A 23 D 5/00, C 11 C 3/00.

PROCESS FOR THE PREPARATION OF FAT BLENDS.

Applicants : HINDUSTAN LEVER LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors :
(1) FREDERICK WILLIAM CAIN,
(2) ADRIANUS JOZEF KUIN,
(3) ANNE CYNTHIA PEILOW,
(4) PAUL THOMAS QUINLAN.

Application No. ' 57/Bom/95 filed on 8-2-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

8 Claims

Process for the preparation of fat blends, suitable for food products. comprising the blending of 10-60 wt%, preferably 30-35 wt% of diglycerides (=A) with 90-40 wt%of triglycerides (=B) wherein (A) contains at least 70 wt% of diglycerides of the SU-type (S=saturated fatty acid C_{16}-C_{24}; U=unsaturated fatty acid C_{18} +); including high melting diglycerides (=C) with a melting point above 40°C, while (A) simultaneously contains at least one other fatty component (D), which fatty component (D) is selected, so that the melting point of the mixture (C=D) is at least 5°C less than the melting point of component (C), and wherein the triglyceride component (B) has a solid fat content (NMR-Pulse, not stabilised) at 5°C of at most 40 ($N \leq 40$), preferably at most 25, most preferably at most 15, in such a way that the total blend has a content of saturated fatty acids (=SAFA) of less than 40 wt% and $N_{35} < 15$.

Complete specification 18 pages Drawing 1 sheet.

Ind. Cl. : 10 7K 183452

Int. Cl. : F 01/04

AN INTEGRATED SINTERED LIGHT WEIGHT WEAR-RESISTANCE CAMSHAFT FOR USE IN SMALL ENGINE.

Applicants : BAJAJ AUTO LTD, OF AKURDI PUNE-411 035, MAHARASHTRA, INDIA.

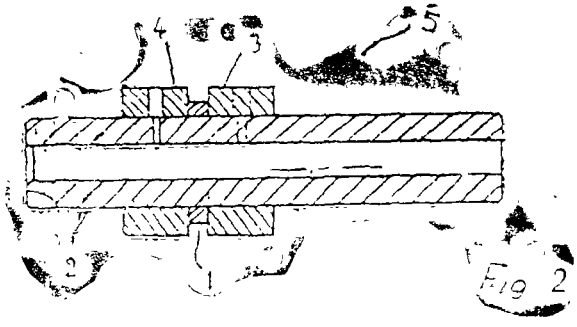
Inventors :
Dr. SANJAY MADHUKAR AROLE &
MR. CHETAN NATVARLAL THAKKAR.

Application No. 69/Bom/1995 Filed on Feb. 14, 1995 complete after provisional left Feb 12, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Mumbai-400 013.

4 Claims

(1) An integrated sintered light weight wear resistance camshaft for use in small engine comprising a tubular shaft on which being mounted inlet and exhaust lobes with cam profile made of sintered Fe-alloy, said tubular shaft being made of steel and provided with grooves to match the corresponding projection of said lobes, a steel spacer being located between said inlet and exhaust lobes said lobes being assembled by diffusion bonding, brazing shrink fitting and finish grinding.



(Compl. Specn. 11 Pages; Drng. 1 Sheet)

183453

Ind. Cl. : 72 C.

In. Cl. : C 06 C 5/04

SHOCK TUBE ASSEMBLY.

Applicants : THE ENSIGN - BICKFORD CO., 660 HOPMEADOW STREET, P. O. BOX 583, SIMSBURY CONNECTICUT-06070-0583, U.S.A.

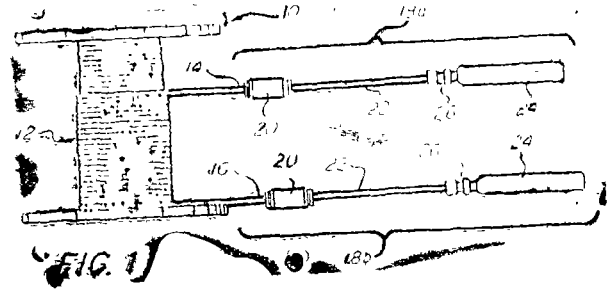
Inventors : BRIAN R. SOBCZAK, FRANK J. LUCCA, J. DONALDSON THOMAS, CRAIG F. ADAMS & ERNEST L. GLADDEN.

Application No. 106/Bom/1995 filed on March 9, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Mumbai-400 013.

12 Claims

A signal transmission tube assembly comprises a signal transmission tube having opposite terminal ends and containing a reactive material, and sealing means connected to both terminal ends of the signal transmission tube to seal the assembly against escape therefrom of a signal engendered by reaction of the reactive material.



Complete specification 20 pages; Drawings 3 sheets.

Ind Cl. : 77 B1 + B2 183454

Int. Cl. : A 23 L 1/28.

A PROCESS FOR CYCLIC SUPERCRITICAL FLUID (SCF) CO_2 EXTRACTION OF FRAGRANCES (ABSOLUTE OR ESSENTIAL OILS) FROM JASMINE FLOWERS.

Applicants : INDIAN INSTITUTE OF TECHNOLOGY, POWAI, BOMBAY-400076, MAHARASHTRA, INDIA, AN INDIAN INSTITUTE OF TECHNICAL EDUCATION AND DR. (MRS) MAMATA MUKHOPADHYAY OF DEPARTMENT OF CHEMICAL ENGINEERING, INDIAN INSTITUTE OF TECHNOLOGY AFORESAID AND SRIRANGAM VENTATA GOPALA, KRISHNA SASTRY PLOT NO.3A, ANTHARASANAHALLI, TUMKUR-572106, KARNATAKA, INDIA.

Inventors :
DR. (MRS.) MAMATA MUKHOPADHYAY &
SRIRANGAM VENKATA GOPALA KRISHNA SASTRY.

Application No. : 72/Bom/96 filed on Feb 5, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Mumbai-400 013.

4 Claims

1. A process for cyclic super critical fluid (SCF) SO_2 extraction of fragrances (absolute or essential oils) from jasmine flowers which comprises charging supercritical fluid CO_2 into an extractor loaded with jasmine flowers from the bottom thereof and stripping fragrances from the flowers by holding the supercritical fluid CO_2 in he extracor at 80 to 200 bar pressure and 35 to 55°C for a predetermined period of time in static condition followed by recovery of fragrances from the fragrances laden CO_2 in the extractor by depressuring the fragrances laden CO_2 in the extractor by controlled release thereof from the top of the extractor for a predetermined period of time to separate the fragrances laden CO_2 with sintultaneous charging of fresh supercritical fluid CO_2 into the extractor from the bottom thereof to maintain therein pressure at 80 to 200 bar and temperature at 35 to 55°C and continue to strip fragrances from the flowers in static condition.

(Compl. Specn. 21 Pages; Drng. 1 Sheet)

Ind. Cl : 55 E_3 + E_4 Gr. [XIX (1)4] 183455

Int. Cl. : A 61 K - 31/615.

A PROCESS FOR THE PREPARATION OF NOVEL THERAPEUTIC INJECTABLE ANALGESIC COMPOSITION.

Applicants : STOPLIK SERVICES INDIA PVT. LTD. AN INDIAN COMPANY AT PLOT A/465, ROAD No. 28, WAGLE INDUSTRIAL ESTATE, THANE-400 604, MAHARASHTRA, INDIA, AN INDIAN COMPANY.

Inventor : RAJ KUMAR PANDEY.

Patent Application No. 203/Bom/97 filed on 04-04-1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules. 1972) Patent Office Branch, Mumbai-400 013.

4 Claims

A process for the preparation of novel Therapeutic Injectable Analgesic Composition containing Nimesulide for intramascular administration comprising :

(a) forming a homogenous solution of 5% to 12% w/v of Dimethylacetamide and 20% to 50% w/v of Benzyl benzoate in a container and by adding thereto 3% to 7% w/v of Nimesulide while slowly stirring the said mixture at a temperature between 25—30°C .

(b) forming a solution of 0% to 10% w/v of Benzyl alcohol or 5% to 10% w/v of pharmaceutically acceptable hydrophilic or lipophilic surfactant and 30% to 65% w/v of Ethyl oleate;

(c) adding the solution formed in step (a) to the solution formed in step (b) under slow stirring till a homogenous solution of the Injectable Analgestic Composition is formed.

Comp. Specn. 23 pages, Drgs. Nil.

Ind. Cl. : 32F_8 (d)+ 55 E_4 183456

Int. Cl. : A 61K 35/78, CO_7 D 305/14.

PROCESS FOR THE ISOLATION OF 10-DEACETYL BACCATIN-III (10-DAB) FROM TAXUS SPECIES.

Applicant : SUN-MOON CHEMICAL PVT. LTD. MALAXMI NETRAVATI CHAMBERS, 2ND FLOOR, CHAR RASTA, KILLA-PARDI-396125, DISTRICT VALSAD, GUJRAT STATE, INDIA.

Inventor : DR. THAKAR MURARI RAGHUNATH.

Application No. : 263/Bom/97 Filed on 28-4-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-400 013.

19 Claims

(1) A process for the isolation of 10-deacetyl baccatin-III (10-DAB) of the structural formula 1 shown in the accompanying drawings from Taxus species comprising :

(a) drying needles and twigs of Taxus species (plant material) at 15 to 40°C until the moisture content thereof is reduced from 50-60% to 15 to 30%.

(b) pulversing/powdering the dried plant material to a mesh size 30—70.

(c) extracting the powder with a water immiscible polar solvent in the ratio 1 : 30 under mechanical agitation selectively to obtain a solvent extract containing taxanes;

(d) evaporating the solvent under reduced pressure at 50 to 70°C;

(e) Fractionating the concerntrated extract containing taxanes with polar and non-polar solvent mixtures in varying proportions;

(f) evaporating the solvent mixtures under reduced pressure at 50 to 70°C;

(g) separating the 10-deacetyl baccatin-III from the enriched fraction using normal phase chromatography an eluent comprising polar and non-polar solvent mixture as an elution gradient;

(h) evaporating the solvents under reduced pressure at 50 to 70°C; and

(i) crystallising 10-deacetylbaccatin-III from the fractions enriched therewith using polar and non-polar solvent mixtures.

(Compl. Specn. 22 Pages; Drngs. 1 Sheet)

Ind. Cl. : 55 D_2 Gr. [XIX (1)] 183457

Int. Cl. : C 11D-9/50

A METHOD OF MANUFACTURE OF A SYNERGISTIC HARD SURFACE CLEANING COMPOSITION.

Applicants : HINDUSTAN LEVER LIMITED OF HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA. A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventors :

1. ALEXANDER ALLAN,
2. TIMOTHY DAVID FINCH,
3. CHRISTOPHER MADDISON,
4. KENNETH LESLIE RABONE.
5. MARTIN SHARPLES.

Patent Application No. : 284/Bom/97 Filed on 06-05-97.

U. K. Priority Dated 09-05-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-400 013.

9 Claims

1. A method of manufacture of a synergistic hard surface cleaning composition comprising mixing :

(a) atleast 0.5% of a non-ionic surfactant

(b) 0.1—15% wt. on product of an antimicrobial agents selected from a group comprising benzoic acid derivatives, dicarboxylic acids. and mixtures thereof; and

(c) an insect repellent.

(Compl. Specn. 29 Pages; Drng. Nil)

Ind Cl. : 55 E_2 + E_4 Gr. [XIX (1)] 183458

Int. Cl. : A 61 K - 31/615

A PROCESS FOR THE PRODUCTION OF A THERAPEUTIC ANTI-INFLAMMATORY AND ANALGESIC COMPOSITION CONTAINING NIMESULIDE FOR USE TRANSDERMALLY.

Applicants : STOPLIK SERVICES (I) PVT. LTD. OF PLOT NO. A/465, ROAD NO. 28, WAGLE INDUSTRIAL ESTATE, THANE 400 604, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

Inventor : RAJ KUMAR PANDEY.

Patent Application No. 454/Bom/98 filed on 14-07-98.

Divisional to Patent Application No. 203/Bom/97 dated 04-04-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patents Office Branch, Mumbai-13.

4 Claims

A process for the preparation of a therapeutic anti-inflammatory and analgesic composition for topical use which comprises the following steps :

(a) forming a mixture of 0.5% w/w to 30% of a percutaneous enhancer and 2.5% to 30% w/w of one or more vehicle/base as herein described;

(b) adding to the said mixture of step (a) 0.1% w/w to 10% w/w of Nimesulide followed by stirring the mixture until completely dissolved;

(c) forming a homogenous mixture of 0.5% w/w to 12% w/w of a surfactant, 0.2% w/w to 50% w/w of a Gelling agent/thickening agent of the kind herein described and 2.5% w/w to 30% w/w of one or more of the said vehicle/base in a homogeniser to obtain a homogenised mixture;

(d) adding the said mixture obtained in step (b) to the said homogenised mixture obtained in step (c) under stirring to obtain the desired composition for analgesic use and wherein upto 2.0% w/w of a neutralising agent/pH adjusting agent as herein described is added to the composition to neutralise or adjust the PH of the mixture.

Compl. Specn. 25 Pages; Drgns. Nil.

Ind. Cl. : 32 F_2 (b) 183459

Int. Cl. : C 07 D - 207/00, 207/46

A PROCESS FOR THE PRODUCTION OF MERCAPTO-PROLINE COMPOUNDS.

Applicants : WOCKHARD RESEARCH CENTRE, D-4, M.I.D.C. CHIKALTHANA, AURANGABAD-431 210 INDIA.

Inventors :

(1) DR. NISHITH CHANDRA CHATURVEDI.

(2) DR. MANOJ MUKHOPADHYAY

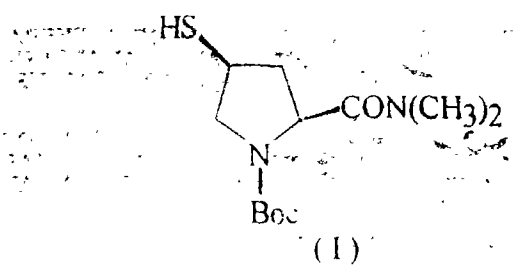
(3) DR. AJJARAPU VENKATA SUBRAMANYA RAJA RAO.

Application No. 602/Bom/98 dated 18-9-98.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

2 Claims

1. A process for the production of mercapto-proline compounds of the formula I,

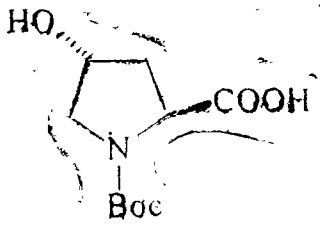


(I)

where Boc = $(CH_3)_3C$-O-CO-

which process comprises

(i) treating the compound of the formula II with dimethylamine hydrochloride in the presence of a coupling agent such as pivaloyl chloride or a lower alkylhaloformate



(II)

or N-alkoxycarbonyl-2-alkoxy-1, 2-dihydroquinoline or dicyclohexylcarbodimide (DCC) and combination of DCC with hydroxybenzotriazole or hydroxy succinmide to provide a compounds of the formula III (R^1=OMS);

(ii) treating the compound of the formula III with methanesulfonyl chloride, in the presence of a base, to provide IV (R^1=OMs);

(iii) reacting IV with one of various thionizing agents such as potassium thioacetate or thioacetic acid, in the presence of a base to provide a compound of the formula V (R^1=SAc);

(iv) treating a compound of the formula V in a solvent with an alkali in the presence of a catalytic amount of triphenyl phosphine to provide the desired compound of the formula I (R^1=SH).

Compl. Specn. 11 Pages; Drgns. Nil.

Ind. Cl. : 32 F_2 (b) 183460

Int. Cl. : C 07 D-205/08

A PROCESS FOR THE PRODUCTION OF AZETIDINONE DERIVATIVES.

Applicants : WOCKHARD RESEARCH CENTRE, D-4, M.I.D.C. CHIKALTHANA, AURANGABAD-431 210 INDIA.

Inventors :

(1) DR. NISHITH CHANDRA CHATURVEDI.

(2) DR. MANOJ MUKHOPADHYAY

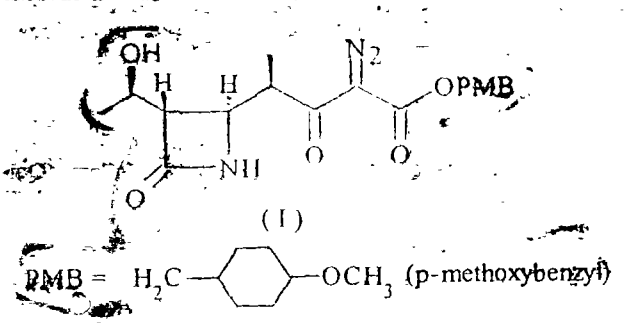
(3) DR. AJJARAPU VENKATA SUBRAMANYA RAJA RAO.

Application No. 603/Bom/98 dated 18-9-98.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

2 Claims

1. A process for the production of 2-oxo-3-diazopropyl-2-azetidinones of the formula I.

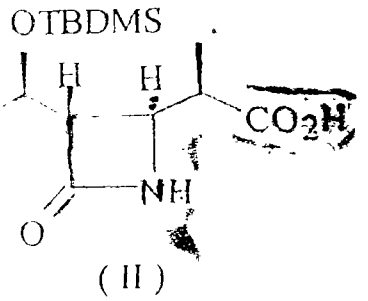


(I)

PMB = H_2C——OCH_3 (p-methoxybenzyl)

The process comprises :

(i) treating an appropriately substituted azetidinone of formula II with a lower alkylhaloformate

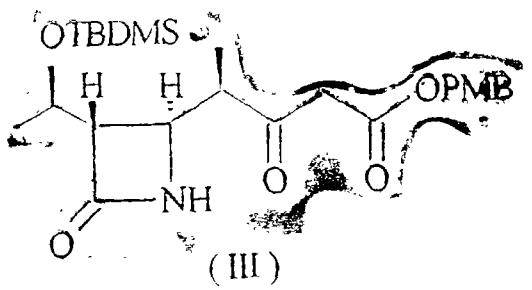


(II)

TBDMS=tert-butyldimethylsilyl

wherein *lower* alkyl stands for methyl to *isohexyl* residue, and the word halo includes fluorine, chlorine, bromine and iodine. in the presence of a base such as triethylamine, di-isopropylamine, 1, 4-dimethylaminopyridine preferentially triethylamine, to which imidazole is added, reacting the mixture with a separately prepared magnesium salt of malonic acid mono p-methoxybenzyl ester (produced by treating malonic acid mono p-methoxybenzyl ester with a base like triethylamine and anhyd. magnesium chloride in an inert organic solvent such as ethyl acetate, acetonitrile) at 65—90°C preferably at 70°C for 6 to 12 h to give the corresponding β-ketoester compound of the formula III.

(ii) treating the obtained β-ketoester of formula III with mesyl azide in the presence of a base such as triethylamine, diisopropylamine, 1, 4-dimethylaminopyridine, in an inert organic solvent such as acetonitrile, ethyl acetate to give the corresponding 2-oxo 3-diazopropylazetidinone.



(III)

which on further treatment with 1N hydrochloric acid in methanol at ambient temperature (25 to 30°C) gives 3-[(1-R-(hydroxy) ethyl]-4-[3-(p-methoxy-benzyloxycarbonyl)-1-methyl-2-oxo-3-diazopropyl]-2-azetidinone of the formula I.

Compl. Specn. 10 Pages; Drgns. Nil Sheet

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendment proposed by Elektrownia Opole Spolka Akcyjna, formerly known as Boludowy Okreg Elektrotyczny, of 46-021 Brzezie k/Opola Poland, in respect of patent application No. 126/Del/88 (Patent No. 172307) as advertised in part III Section 2 in the Gazette of India on Jun 5, 1993 have been allowed.

The amendment proposed by Avery Dennison Corporation (Formerly known as Avery International Corporation), a corporation organised and existing under the laws of State of Delaware, having a place of business at 150 North Orange Grove Boulevard, Pasadena, California 91103, United States of America, in respect of Patent application No. 544/Del/89 (Patent No 175437) as advertised in part III Section 2 in the Gazette of India on June 17, 1995 have been allowed.

The amendments proposed by Lonza Ltd., of Gampel/Valais, Switzerland in respect of Patent Application No. 705/Mas/94 (178118) as advertised in part III Section 2 of the Gazette of India on 07-08-99 and no opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments proposed by ECP Enichem Polimeri S.r.l., in respect of Patent Application No. 178524 (485/Cal/92) as advertised in part-III, Section 2 of the Gazette of India on 18-7-1998 and no opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments proposed by Lonza Ltd., of Gampel/Valais, Switzerland in respect of Patent Application No. 853/Mas/94 (178949) as advertised in part III Section 2 of the Gazette of India on 07-08-99 and no opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments proposed by E. I. Du Pont De Nemours & Company, in respect of Patent Application No. 180887 (185/Cal/94) as advertised in part-III, Section 2 of the Gazette on 12-12-98 and no opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments proposed by Hitachi Construction Machinery Co. Ltd., in respect of Patent Application No. 182123 (593/Cal/94) as advertised in Part-III, Section 2 of the Gazette on 07-08-99 and on opposition being filed within the stipulated period, the said amendments have been allowed

OPPOSITION PROCEEDINGS

An opposition entered by M/s. Kirloskar Copeland Limited, Maharashtra to the grant of a Patent to the Application No. 177498 (336/Cal/92) has been dismissed and the application for patent has been ordered to proceed for sealing subject to amendments.

An opposition has been entered by M/s. Torsteel Research Foundation in India, Calcutta to the grant of a Patent on Application No. 182591 (333/Cal/94) dated 4th May, 1994 made by M/s. Tata Iron & Steel Co. Ltd., Mumbai.

PATENT SEALED ON 10-12-1999

182416*D 182592* 182593* 182595 182596* 182598*D 182599 182600*D 182602 182603* 182604* 182605* 182607* 182608 182609* 182611* 182612*F 182613*D 182614*D 182615*D 182616*D 182617*D 182618*D 182619*D 182620*D 182624* 182625* 182627* 182628*

CAL-12, DEL-17, MUM-NIL, CHEN-NIL

*Patent shall be deemed to be endorsed with words Licence of Right Under Section 87 of the Patents Act., 1970 from the date of expiration of three years from the date of sealing

D—Drug Patents

F—Food Patents

RENEWAL FEES PAID

175008 176508 177101 177221 177368 177503 178317 178424
181321 181652 181654 181655 181656 181702 181705 181710
181712 181718 182537 181772 181993 182032 182265 182419
172380 180122 170793 171481 173476 173823 177031 181777
166621 176321 182417 181282 165590 170143 176186 175987
182197 178016 178301 176192 173438 175984 173744 173824
178952 165800 169839 168972 172391 179231 178713 175032
181672 181672 175964 176202 177331 177613 179547 181762
181813 181814 181815 181862 181864 182239 182343 181442
181633 181709 182458 178770 181744 181674 181651 177583
177564 181883 182291 179308 181444 181870 178355 180010

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of registration included in the entries.

Class 1. No. 175501, Trilok Singh, Indian, trading as M/s. Bawa Industries whose address is 4/55, Geeta Colony, Delhi-110031, India, "T. V. Wall Bracket", 12th January 1998.

Class 3. No. 175508, Dabur India Ltd., of 22 Site IV, Sahibabad, U. P., India, an Indian Company, "Tooth Brush Handle", 13th January 1998.

Class 3. No. 175509, M/s. Puri Electronics (P) Ltd., 840 Chirag Delhi, New Delhi-110017, India, An Indian Pvt. Ltd. Company, "Telephone Set", 13th January 1998.

Class 3. No. 175512, Shilpa Plast (India) Pvt. Ltd., 340, Belgium Tower, Delhi Gate, P. B. No. 302, Surat-395003, Gujarat, India, an Indian Company, "Tooth Brush", 13th January 1998.

Class 4. No. 175513, Rajinder Singh, D. K. Scientific Glass Works, RZR-148-B, Chanakya Palace, Part-II, New Delhi-110059, India, an Indian National, "Water Distillation Unit", 13th January 1998.

Class 12. No. 175517, Dr. Panika Veetil Majeed, an Indian citizen, trading as Doctor-M-Company Hiba Annexe North, Karunagapally-690518, Kollam (Quilon), Kerala, India, "Soap Cake", 13th January 1998.

Class 1. No. 175544, Tae-Hyung Kim, a Korean national of 2-702, Sambo Apartment, 580-4 Yun San 1 Dong, Yun Jae-Ku, Pusani si, Republic of Korea, "A Tooth with Flashlight", 15th January 1998.

Class 3. No. 175551, Rajdeep Plastics, an Indian partnership firm of 17, Jamnadas Ind. Estate, Opp. Jawahar Talkies, Dr. R. P. Road, Mulund (W), Bombay-400080, Maharashtra, India, "Handle", 16th January 1998.

Class 1. No. 175565, Shri Dasarath Mistri Vishwkarma address nationality of the applicant is M/s. D. M. Vishwkarma, Vill. Siyagudri Putki, Near Krishna Talkies, P.O. Kusunda, Dist. Dhanbad-828116, Bihar, India, an Indian nationality, "Rail Sleeper", 19th January 1998.

DR. S. K. PAL
Asstt. Controller of Patents & Designs

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
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